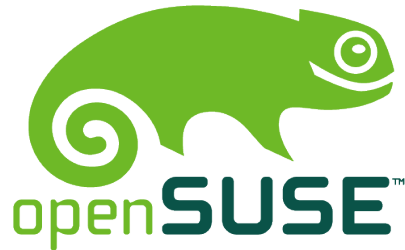


SUSE Linux 10.2

Quo vadis?

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Outline

- SUSE Linux 10.0 in retrospect
- SUSE Linux 10.1
 - Current status
 - Highlights / Features
- SUSE Linux 10.2 future prospects
- Open discussion / Q & A

SUSE Linux 10.0 in retrospect

SUSE Linux 10.0 in retrospect

- First SUSE Linux with an open beta test
 - open Bugzilla access for everyone
 - received heavy testing by the community
 - includes first direct community contributions
 - shipped alternative package managers apt, yum & smart
- bi-weekly betas + 1 public RC
- Released in October 2005
 - downloadable from day 1
 - has been downloaded & installed more than **1.000.000** times

SUSE Linux 10.1

SUSE Linux 10.1

- Important changes to further open development
 - monthly alpha snapshots (since September 2005)
 - weekly beta builds
 - Factory (development tree, codebase for 10.1) synced out daily
 - > might be inconsistent from time to time

SUSE Linux 10.1

- SUSE Linux vs. SUSE Linux OSS
 - OSS suffix has been removed to clear confusion
 - Everything downloadable from <ftp.openSUSE.org> is Open Source Software
 - > The proprietary addons remain on <ftp.suse.com>, “extra trees”
- New / Improved Media Layout
 - **5+1** CDs / (+1 DVD5 download, +1 DVD9 retail)
 - > CD 1-5 only contain Open Source Software
 - > CD 6 contains proprietary addons
 - Now you only need...
 - > **CD 1** for a minimal installation (English only)
 - > **CD 1-3** for a default KDE or GNOME installation (English/German only)

SUSE Linux 10.1

- Highlights & Features
 - Overall version updates as usual, including
 - > Kernel 2.6.16*
 - > XEN 3
 - > AppArmor 2.0 (GPLed!)
 - > GCC 4.1*
 - > glibc 2.4*
 - > X.org 6.9
 - > KDE 3.5.1
 - > GNOME 2.12.2
 - > OpenOffice.org 2.0.2
 - > Firefox / Thunderbird 1.5

SUSE Linux 10.1

- Highlights & Features – Installation
 - new / improved media layout
 - New Package Manager (based on libzypp), integrates SUSE's YaST2 Package Manager and Ximian's Red Carpet
 - > A better dependency resolver than before
 - > Common handling of packages **and** patches
 - > Dependency handling for update packages
 - > Introduces so-called **patterns** (formerly known as selections)
 - > Additional channels (repositories) during installation
 - > More flexibility in handling of different repositories, e.g. it is possible to have additional patterns for each repository.
 - > Remote management (likely in SUSE Linux 10.1, latest in 10.2)
 - > Supports YaST sources, YUM metadata, ZENworks, {Red,Open}Carpet

SUSE Linux 10.1

- Highlights & Features – Kernel
 - Kernel Module Packages (KMPs) are a way for anyone to package kernel modules in such a way that they are cleanly handled in case of kernel updates
 - AppArmor 2.0
 - kexec support
 - dropped kernel-*-nongpl packages
 - ACPI updates (suspend-to-{disk,ram} improvements)
 - many, many, more...

SUSE Linux 10.1

- Highlights & Features – Desktop / Mobility
 - Xgl 3D accelerated Xserver (still experimental!)
 - > <http://www.openSUSE.org/Xgl>
 - NetworkManager
 - Beagle Desktop Search integrated in both KDE and GNOME
 - OpenOffice.org 2.0 Office Suite
 - Enhanced power management
 - Support for upcoming dual core laptops
 - Better support for external monitors

SUSE Linux 10.2 future prospects

SUSE Linux 10.2 future prospects

- Incorporate community contributions and feedback
- Build service integration
- Implement support for unsupported filesystems
- Rework Patterns
- Various Desktop / Mobility features
 - > Support for fingerprint sensors
 - > Bluetooth head-set drivers & integration
 - > Improve TabletPC usability
 - > Built-in cardreader support
- Bring down size of the core distribution to 3 CDs?
- ...

Open discussion / Q & A

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